



TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, **including back up information**, 8 days prior to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

MEETING INFORMATION

Date Submitted: August 10, 2016

Date of Meeting: August 18, 2016

Submitted by: Finance Director Paul T. Micali

Department:

Time Required: 15 minutes

Speakers:

Background Info.

Supplied:

Yes: ☒ No: ☐

CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment: ☐

Recognition/Resignation/
Retirement: ☐

Public Hearing: ☐

Old Business: ☐

New Business: ☒

Consent Agenda: ☐

Nonpublic: ☐

Other: ☐

TITLE OF ITEM

LED Street Light Discussion

DESCRIPTION OF ITEM

To update the Town Council on the status of the LED street light transition.

REFERENCE (IF KNOWN)

RSA:

Warrant Article:

Charter Article:

Town Meeting:

Other:

N/A

EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector: ☐

Grant Requirements: ☐

Easel: ☐

Joint Meeting: ☐

Special Seating: ☐

Other: ☐

Laptop: ☐

None: ☐

CONTACT INFORMATION

Name: **Paul T. Micali**

Address: **8 Baboosic Lake Road**

Phone Number: **424-4075**

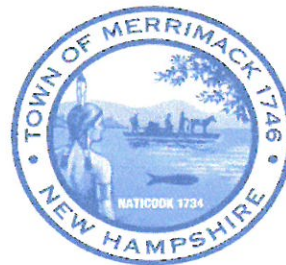
Email Address: **pmicali@merrimacknh.gov**

APPROVAL

Town Manager: Yes ☒ No: ☐ Chair/Vice Chair: Yes ☒ No: ☐

Hold for Meeting Date: _____

Memo



TO: Town Council
ATTN: Town Manager Eileen Cabanel

FROM: Finance Director Paul T. Micali

DATE: August 15, 2016

RE: **LED Street Lights**

I have been researching replacing the Town's High Pressure Sodium Street Light with a more efficient LED Street Light since December 2015. At the June 10, 2016 Town Council Retreat, the Town Council authorized the Finance Department to work with Eversource to begin replacing the High Sodium Street Lights. On Friday July 29, 2016 the Town had a mandatory Pre-bid meeting with vendors for the LED Project. Bids were open on August 15, 2016 and they range from \$151,132 - \$260,040. Currently the Finance Department along with DPW Director Fox are reviewing the bids. Replacement should begin sometime in September.

Background:

- Currently the Town of Merrimack has 633 High Pressure Sodium Street Lights
- The yearly electric cost for street lights is about \$100,000 per year.
- Eversource offers a rebate for switching from High Sodium to LED
- Surrounding communities are in the process of implementing the switch
- LED Technology has become increasingly more affordable over the last five years
- LED street lights have a useful life of 20 years.
- Estimated cost for the project before rebate is \$250,000
- Estimated Eversource rebate \$63,000
- It is estimated to save between \$17,000 and \$23,000 per year in electrical cost.
- Estimated payback period is between 7 -10 years

I would like to bring to your attention that if a LED street light needs to be replaced the town would have to purchase the new LED street light and have Eversource install the replacement. Eversource will no longer maintain the street lights for the town. In addition after twenty years the Town would be responsible to replace the LED street lights at its own cost.

I have attached some information as to the Phillips LED Street Lights and the Eversource email stating that the Town was awarded up to \$50,000 rebate to switch to LED Street Lights.